THAKHTENBERG, B.F., kand. tekhn. nauk.

Using new types of machinery steel in electric machines and power transformers. Vest. elektroprom. 27 no.8:46-53 & '56. (MLRA 10:9)

1. Kuybyshevskiy industrial'nyy institut. (Electric machinery) (Steel)

SOV/137 59-1-1267

Translation from: Referativnyy zhurnal. Metallurg; ya, 1959, Nr 1, p 171 (USSR)

Trakhtenberg, B. F AUTHOR:

The Effect of Carbon and Sulfur on the Nature of Changes in Magnetic TITLE:

Properties of Hot-rolled Transformer Steel (Vlivaniye ugleroda i sery na kharakter izmeneniya magnitnykh svoystv goryachekatanoy

transformatornoy stali)

PERIODICAL: Sb. nauchn. tr Kuybyshevsk industr in-ta Mekhanika 1958.

Nr 7, pp 151-158

ABSTRACT: The grain size and principal magnetic properties of a series of hotrolled transformer steels containing 0 009-0 05% C and 0 05-0 012%

S were determined after the steels had been annealed at temperatures ranging from 750 to 1200°C. It was established that the magnetic properties of steels with a high C and S content may be improved only by means of annealing from high temperatures which ensures intensive collective recrystallization and refining of metal; the steel then possesses sufficiently high magnetic properties to satisfy the standard specifications of power transformer design Occurrence

of decarburization and scale on the steel sheets considerably impairs Card 1/1

its magnetic properties

CIA-RDP86-00513R001756420018-7" APPROVED FOR RELEASE: 04/03/2001

SOV/137-59-1-1268

TO THE PROPERTY OF THE PROPERT

Translation from: Referativnyy zhurnal. Metallurgiva. 1959 Nr. 1 p 171 (USSR)

AUTHORS: Trakhtenberg, B. F., Zykov, G. A

TITLE: The Effect of Annealing Temperature on the Magnetic Properties of

Hot-rolled Transformer Steel (Vlivanive temperatury of zhiga na

magnitnyye svoystva goryachekatanov transformatornov stali-

PERIODICAL: Sb. nauchn. tr Kuybyshevsk industr in-ta. Mekhanika, 1958

Nr 7, pp 159-168

ABSTRACT: Investigations were carried out in order to evaluate the effect of

annealing temperatures ranging from 750 to 1200°C, with a soaking period of 4-8 hours; on the magnetic properties of a series of hot-rolled transformer steels. It was established that a high-temperature

anneal introduces an anomaly into the shape of the magnetization curves in regions corresponding to strong (greater than 5-15 oersted) and medium magnetic fields (0.2-0.5 amp-turns/cm). A number of magnetic characteristics are presented graphically as a function of

the annealing temperature, and practical indications are given for the manufacture of transformer steel possessing an increased per-

Card 1/1 meability in weak and medium fields (E45, E46, E47, and E48 grades)

M. Ch.

SOV/129-59-5-5/17

Cand. Tech. Sci. B.F. Trakhtenberg AUTHOR:

Critical Reduction of Dynamo Steel (Kriticheskiye TITLE:

obzhatiya dinamnoy stali)

PERIODICAL: Metallovedeniye i Termicheskaya Obrabotka Metallov,

1959, Nr 5, pp 24-28 (USSR)

ABSTRACT: In earlier work the author of this paper established (Ref 2) that transformer steel has a critical range of deformation corresponding to a reduction by 4 to 8%.

After applying critical magnitudes of reduction and a low temperature recrystallization annealing, the grain size of transformer steel increases to about double and the total specific losses (P15/50) decrease by 0.15 to 0.25 W/kg. Furthermore, the author established (Refs 2.3) W/kg. Furthermore, the magnetic induction of that after critical reductions the magnetic induction of

transformer steel drops by 1 to 3% in the range of strong

fields (200 to 400 Gauss). An analysis of the

recrystallization texture and of the magnetic anisotropy has shown that changes in the magnetic properties after

critical reductions are associated solely with grain growth. Due to brittleness, under industrial conditions

critical reductions of transformer steel can be effected Card 1/3

sov/129/59-5-5/17 only on heating the metal to 450 to 550°C, i.e. by sami-Critical Reduction of Dynamo Steel cold rolling. In this paper investigations are described which were carried out by means of dynamo steel from a normal production batch with a thickness of 0.5 mm and a si content of 1 to 1.5%. The steel was produced in open. hearth furnaces; the reduction in the cold state varied between 2 and 15%. (The experiments were carried out at the Verkh-Isetskiy Works jointly with F. A. Vydrin and F.A. Radin). In Fig 1 the influence is graphed of the degree of deformation in the cold state on the magnetic properties and on the grain size of the dynamo steel. In Fig 2 the microstructure is graphed of dynamo steel which passed through various variants of processing. In Fig 3 the changes are entered in the specific losses and the magnetic induction as a function of the angle of cutting of the specimens relative to the direction of rolling. In Table 1 data are entered on the influence of slight degrees of reduction in the cold state on the magnetic properties of the grain size of dynamo steel. On the basis of the obtained results the following conclusions are 1) Dynamo steel has a critical range of Card 2/3 arrived at8

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

THE RESIDENCE OF THE PROPERTY OF THE PARTY O

Critical Reduction of Dynamo Steel

deformations which corresponds to a relative reduction of 2 to 8%. After critical reductions the dynamo steel has a coarse grain structure (20 to 90 grains per mm²), and as a result of this the specific losses are reduced by 10 to 14%.

2) The slight decrease in the magnetic induction in the range of intensive fields after critical reductions (averaging 2%) is compensated by an increase in the filling coefficient of the sheet from 88 to 90% (in the hot rolled state) to 96 - 97%.

3) The use of critical reductions of dynamo steel does not involve any technological difficulty and is recommended for improving the properties of the material.

There are 3 figures, 1 table and 5 Soviet references.

ASSOCIATION: Kuybyshevskiy Industrial nyy Institut (Kuybysher Industrial Institute)

Se ca	electing a tearbon steels.	emperature ra . Kvz.—shtam.	nge for the forging and die proizv. 2 no.5:21-26 My	e stamping of 60. (MIRA 14:3)
		Forging)	(Sheet-metal work)	
		c.		

RUTNER, Ya.F., inzh.; SILIN, M.L., inzh.; TRAKHTENBERG, B.F., kand.tekhn.nock
Simulation of temperature fields in axisymmetric sectional dies for
drop forging. Vest.mashinostr. 43 no.11:53-55 N 63. (MIRA 17:2)

1 . The State of Later Contraction and an amount of the second

FYT'YEV, Fetr Yakovlevich; TRAKHTENBERG, B.F., kand. tekhn. nauk, dots., retsenzent; RAZMIKHIK, M.I., kand. tekhn.nauk, prof., red.; TURSKIY, P.V., red.; MIKHEYEV, N.I., red.; VAKULOVSKAYA, T.N., tekhn. red.

的复数 建氯氯酸 医肾上腺 医水管切迹

是1660番 置。43.

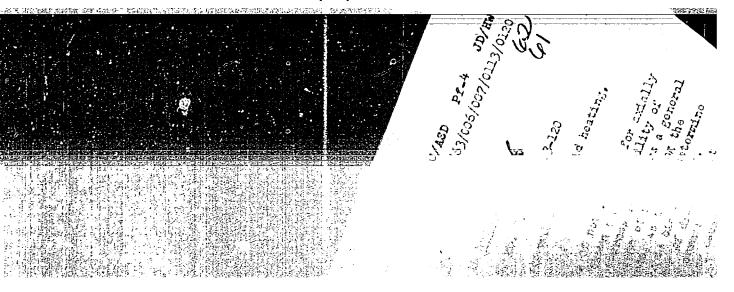
[Simplified sheet bolster plate for cold die stamping]
Listovye uproshchennye podkladnye shtampy dlia kholodnoi
shtampovki. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo,
1963. 133 p. (MIRA 17:2)

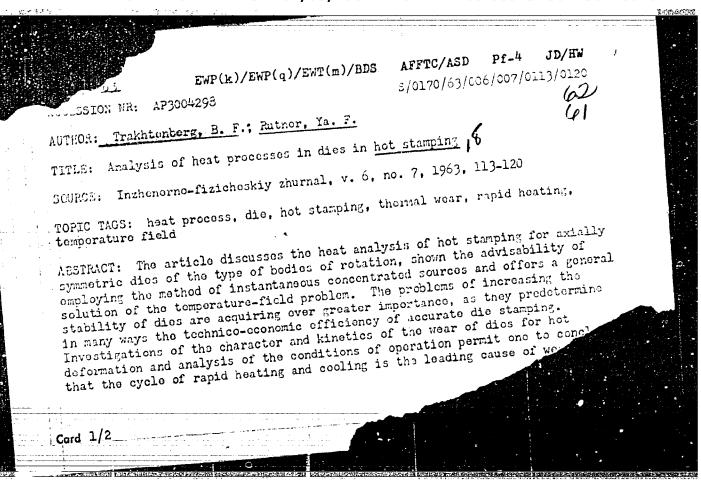
Analysis of the real processes in swages curing are; for lies.

Inga.-fig. slur. 6 nc.7:113-120 J1 '63. () 16(c)

1. Industrial 'nyy institut ironi V.V. Muybes eva, Kuybyohev.

(Forging) (The seal analysis)





L 17170-63

ACCESSION RN: AP3004298

Experiments have established that with a mean die temperature of 300-400° C the poak temperature in the contact zono reaches 850-900° c, and the thermal wear of the tool is due to thermal fatigue and thermal processes proper. Hence it is important to make a quantity and time evaluation of the temperature fields in a cross-section of the die according to the technological and operational characteristics of the process, as well as of the design and material of the tool. The article discusses a part of these questions, being a first attempt at an analytical computation of temperature fields in dies. Topical headings are: 1) Heat analysis of the stamping cycle by stages (with two tables so entitled); 2) Evaluation of the order of capacity of sources; 3) change to an equivalent die. Orig. has 2 photos of a die, 3 diagrams, 2 tables and ? numbered equations.

ASSOCIATION: Industrial nyy institut imeni V. V. Kuybysheva, Kuybyshev (Industrial Institute)

SUBMITTED: 02Mnr63 DATE ACQ: 08Aug63

ENCL: 000

SUB CODE: PH

NO REF SOV: 003

OTHER: 000

Card 2/2

TRAKHTENBERG, B.L., inzh.

Automatic rubberized centrifuges. Khim.mashinostr. no.3:4142 My-Je 163. (MIRA 16:11)

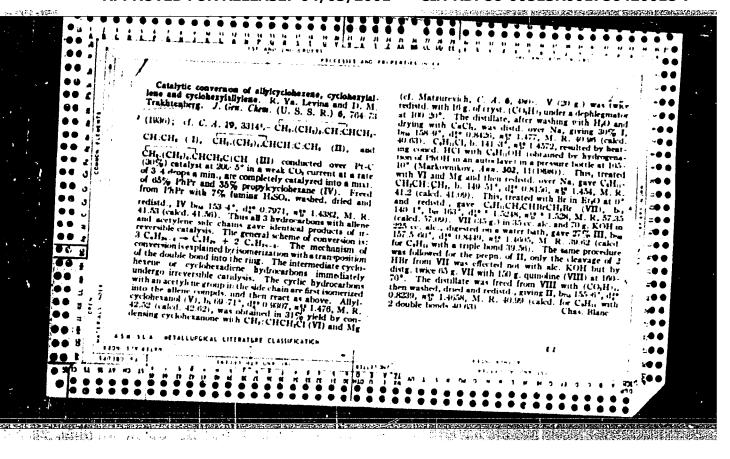
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TO LICENTIAL TO THE PROPERTY OF THE PROPERTY O

Country : ประก Category : Human and Animal Physiology, Circulation Abs. Jour. : Ref. Zhur. Biol., No. 2, 1959, No. 8024 STARTE DE : Violitsa Medical Institute Institut. Title : Cardiovascular Function in Patients with the Hallucinatory-Paranoid Form of Schizophrenia according to the Data of Arterial Oscillometry. Tr. Vinnitsk. med. in-ta, 1958, 15, No. 1, 169--Orig Pub. .batr..ct :no abstract Card: 1/1

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7

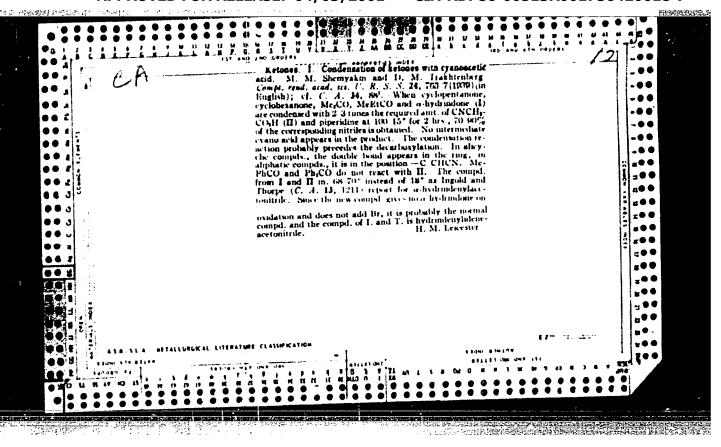


TRACHTIMBING, 1.M.

"Sur la question du mecanisme de la catalyse irreversible des hydrocarbures cycliques non satures a liaison double et triple en dehors du cycle". Iewina, R.J., Petrow, D. A. et Trachtenberg, D.M. (p. 1496)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 10

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

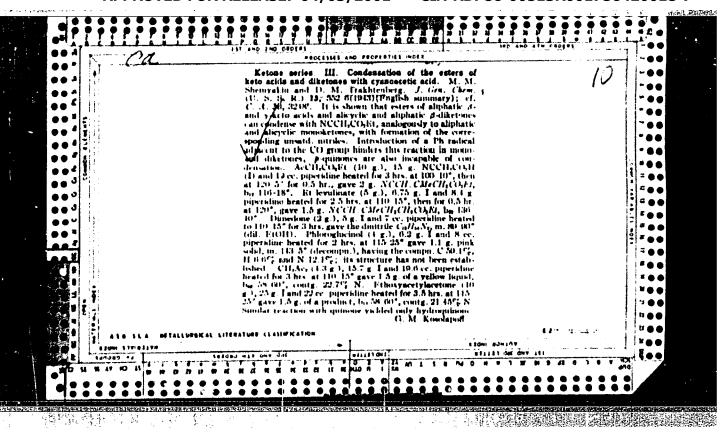


TRACHTENBERG, D. M.

"Invostigation in the Series of Ketones. II. Condensation of Monoketones with Cyanoacetic Acid." Trachtenborg, D. M. and Sheryakin, M. M. (p. 480)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1943, Volume 13, no. 6.

All-Union Swir Ryg. Hod. on 4 hr. Goiking



BAYKINA, V.M.; ROZANOVA, T.N.; TRAKHTENBERG, D.M.

Studies on the typical composition of erythromycin produced by strain No. 2577 of Actinomyces erythreus. Antibiotiki 8 no.5:466-472 (MIRA 17:3)

1. Vsesoyuznyy naucimo-issledovatel skiy institut antibiotikov.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

ROZEMFEL'D, G.S.; ROSTOVTSEVA, L.I.; BAYKINA, V.M.; TRAKHTENBERG, D.M. KHOKHLOV, A.S.. Prinimali uchastiye: LOKSHIN G.B.

Albonursin, a substance accompanying the antibiotics nystatin and albofungin. Antibiotiki 8 no.3:201-207 Mr*63

(MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovitel skiy institut antibiotikov

i Institut khimii prirodnykh scyedineniy AN SSSR.

行列基门原行。

TRAKHTENBERG, D.M., kandidat khimicheskikh nauk. New works on the synthesis of penicillin. Antibiotiki 6 no.6:3-25 '53. (MIRA 6:11) (Penicillin)

> CIA-RDP86-00513R001756420018-7" APPROVED FOR RELEASE: 04/03/2001

TRAKHTENHERG, D.M.

New suntibiotics: magnamycin, erythromycin and azacerin, Med.prom. no.4:37-40 0-D '55. (MLRA 9:12)

1. Vessoyusnyy nauchno-issledovatel*skiy institut antibiotikov

(ANTIBIOTICS

magnamycin & azacerin, pharmacol.)

(ENTTHROMYCINE

pharmacol.)

TRAKHTENERIC, D.M., kandidat khimicheskikh nauk Chemistry and technology of antibiotic production; secretion, purification and chemical nature of antibiotics of the erythromycin group, of magnamycin; review of foreign periodical literature. Antibiotiki 9 no.5:22-36 '56. (MIRA 9:10) (ENTHECHYCIN, preparation of secretion, purification & chem. nature, review) (CARBONYCIN, prep. of same)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

自身經濟學主義 自身自身的

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7

BRINBERG, S.L.; TRAKHTENBERG, D.M.; SHORIN, V.

Second All Union Conference on Antibiotics. Antibiotiki 2 no.5;
54-62 S-0 '57.

(ANTIBIOTICS)

(ANTIBIOTICS)

TRAKHTENDERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; SEEGEYEVA, L.N.

Producing a crystal erythromycin base. Med.prom. 11 no.7:14-19
J1 '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov (ERITHROMYCIN)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

HEIKER, Z.E., BEREZINA, Ye.K. VEYS, R.A., MILOVANOVA, S.H., OSTROUKHOV, A.A.
RODIONOVSKAYA, E.I., TRACHTENBERG, D.M., EHOKHLOV, A.S., CHAYKOYSKAYA, S.M.,

Velutinin, an antibiotic from the mold fungus Aspergillus velutimus.

[with summary in English]. Antibiotiki 3 no.4:104-105 JI-Ag '58

[with summary in English]. Antibiotiki 3 no.4:104-105 JI-Ag '18

(MITA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikow.

(AHTIBIOTICS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRACHTENBERG, D.M.; RODIONOVSKAYA, E.I.; BAYKINA, V.M.; KHOKHLOV, A.S.

Preliminary comparative data on the properties of antibiotics of the streptothricin group obtained from various types of actino-wycetes [with summary in English]. Antibiotiki 3 no.6:36-41 N-D '58.

(MIRA 12:2)

.1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (ANTIBIOTICS, effects,

streptothricin group of antibiotics obtained from various strains of Actinomyces, comparison (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

古籍中國 经复数证券 医多种性 医多种性 医多种性

Intityen, E. E., Ruchyen, L. G., Canitales of Michael Research Res	¥.	7 6 G A	Na is ar a		cark 3/2 st.			10 SE	(411	Card 2/4 open	Gu. K.	200	2. 0.		STATE OF THE PARTY	J. F.	the S ment Army	10 0 11 0 11 0 11 0 11 0 11 0 11 0 11	を では、 の の の の の の の の の の の の の			=	8(1)		
	phisised so we print this pr	prionitive was poissed on as necessary, is no needs of the grant of the grant of marchine originate of marchine origin is ted out. The importance of wordination of the	richipuls in the USE limerificate. The organise tie field in the USE limerificate. The organise transition of antibiotics and microbe or the purpose of their large-easle practical in	antition of the affect of antibioties on plant	ptibiotics against unpaired sill noths. P. Israil edit. E. h. hyanora, H. h. Enikers th the furnation of phytophedogen farms of hart	en fungue earriers of diseases in cabings, when y selens. Leohayara reported on results achieved in the	antibution distance apole about the product has been all building and "tribbotetain" and article "grissoful'vin" and "tribbotetain" and	the plants backwin the plants of the plants	securring in cotton bushe	Table City of L	des in plant	See and Add	The of actinograms of the offeet of preparties of actinograms to prevent with of the cet	relicing to the antendra speed about the winder of the content of the state of the content of th	try care which produce a season and diplosis is marring to property which produce a season and diplosis is marring to produce a season and diplosis in marring the product of the product	included at the track of the disease of cottons of cott	ize carries out by trainem were every agric and the wellsetten in the fight against agric figurates.	Tideritable reported on investigations of sever Fideritable reported on investigations of sever Fideritable and soil	for Kiershiplegii Aradenia balk armanesty of for Kiershiplegy of the Aradeny of Solences of Aradeny of Aradeny of Solences of Aradeny of Solences of Aradeny of Solences of Aradeny of Ar	tute for Lyricultural Minrobiology of the Taskit	e is i) Corober, 1958; it had been called by the interest and exit make SSER (Kierobiolical Table) the Yeseovinty in	Armera Amilips with this subject took place is	f initiotics in Plant Cultivation (Frimementy)	yan, E. Ert Euchsysva, A. G., Candidates of Bio	1-65-06/A0S	•	

TRAKHTENBERG, D.M.; CHERENKOVA, L.V.; KHOKHLOV, A.S.

Isolation and properties of the antiviral antibiotic violarin.
Antibiotiki 4 no.5:7-11 S-0 '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel skiy institut antibiotikov.

(ANTIBIOTICS chem.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; KIEYNER, G.I.; SHTAMER, V.Ya.

Study of some physicochemical properties of cleandomycin. Anti-biotiki 10 no.11:982-989 N '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva,i Rizhskiy zavod medpreparatov. Submitted January 16, 1965.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

SULIMOV, A.D.; KOZEINA, I.N.; THARHTENBERG, D.M.

Froduction of naphthalen; from petroleum raw steek. Acts.:
tekh.topl. i masel 10 no.1:17-20 Ja *65.

(Mika 18:a)

1. Vsesoyuznyy nauchno-isoledovatel*skiy institut po pororabotke
nefti i gaza i polucioniyu iskuestvennoge zitikege teglites.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; KAN, A.M.

公常整合。

Isolation of the antibiotic phytobacteriomycin by the ion-exchange method and studies on its properties. Antibiotiki 10 no.1:38-43

Ja 165. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel*skiy institut antibiotikov, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

YERMOL'YEVA, Z.V.; TRAKHTENBERG, D.M.; BONDARENKO, B.N.

Isolation and characteristics of prodigiosin from Bacterium prodigiosum in submerged cultures. Antibiotiki 9 no.5:397-403 My '64. (MIRA 18:2)

1. TSentral'nyy institut usovershenstvovaniya vrachey i Vsesoyuznyy nauchno-issledovatel'skiy antibiotikov, Moskva.

Concevers, N.E.: Tayo, c.M.: TRAKMINBERG, D.E.: Biblew, a.V.: Contracteristics of the organism promoting the antiviral actibication vaccinocidin, its isolation and properties. Antibiotiki 7 no.7:556-602 Jl '64. (MRA 18:3)

1. Vecceyuznyy nauchno-isoledovatel skiy institut antibictikov, Moskva.

TRAKHTENBERG, D.M.; BIRLOVA, L.V.; BLINOV, N.O.; ROZANOVA, T.N.

Isolation and properties of some antibiotics-pigments from a culture fluid of strain No. 2844-31 of Act. prunicolor.
Antibiotiki 7 no.9:776-783 S '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS)(ACTINOMYCES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7

TRAKHTENEERG, D.M.__

"Chemistry of antibiotics" by M.M.Shemiakin and others. Vols. 1 and 2. Reviewed by D.Y Trakhtenberg. Antibiotiki 7 no.8:765-766 Ag '62.

(ANTIBIOTICS)

(ANTIBIOTICS)

BAYKINA, V.M.; BIRLOVA, L.V.; TRAKHTENBERG, D.M.

Comparative study by the method of counterflow distribution of the composition of the antibiotic, Violarin "A" and of the Actinomyces strains No. 452-7 and 12-12. Antibiotiki 7 no.8:698-702 Ag '62.

(MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS) (ACTINOMYCES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; BIRLOVA, L.V.; BAYKINA, V.M.

Isolation and properties of an antiviral antibiotic, violarine B. Antibiotiki 6 no.7:603-609 Jl '61. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (ANTIBIOTICS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

SEMENOVA, V.A.; SOLOV'YEVA, N.K.; RIIYAMOVSKAYA, I.S.; DMITRIYEVA, V.S.; TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; CHERENKOVA, L.V.; KHOKHLOV, A.S.; BYCHKOVA, M.M.; GINZEURG, G.N.

Antibiotic phytobacteriomycin, effective in controlling bacteriosis in plants. Trudy Vses. inst. sel'khog. mikrobiol. 17:131-139 '60. (MIRA 15:3)

(Antibiotics) (Bacteria, Phytopathogenic)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.

Production and properties of certain derivatives of erythromycin. Antibiotiki 5 no.3:22-24 My-Je 160. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (ERYTHROMYCIN)

KLEYNER, G,I.; IONOVA, N.V.; TRAKHTENBERG, D.M.; ROSTOVTSEVA, L.I.

Isolation and studies on highly purified nystatin preparations. Antibiotiki 6 no.3:200-203 Mr '61. (MIRA 14:5)

1. Rizhskiy zavod medpreparatov (for Klysyner, Ionova).

2. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov (for Trakhtenberg, Rostovtseva).

(MYCOSTATIN)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; ROSTOVTSEVA, L.I.; KLEYNER, G.I.; HAGLE, A.M.

Studies on the properties and chemical purification of nystatin. Antibiotiki 5 no. 5:9-14 S-0 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovateliskiy institut antibiotikov (for Trakhtenberg, Rodionovskaya, Gordina and Rostovtseva).

2. Rizhskiy zavod meditsinskikh preparatov (for Kleyner and Nagle).
(NYSTATIN)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; ROSTOVTSEVA, L.I.; KLEYNER, G.I.; NAGLE, A.M.; LAZDYNYA, V.Ya.

Isolation and chemical purification of nystatin. Part 1: Isolation of nystatin from moist mycelium. Med. prom. 14 no.8:18-23 Ag '60. (MIRA 13:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

THAKHTEMBERG, D. M., BRIMBERG, S. L. (USCR)

"Influence of Phosphorus on the Micrynthis's of Enythremycin."

Report presented at the 5th Internati nal Bicchemistry Congress, Mescow, 10-16 August 1961

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

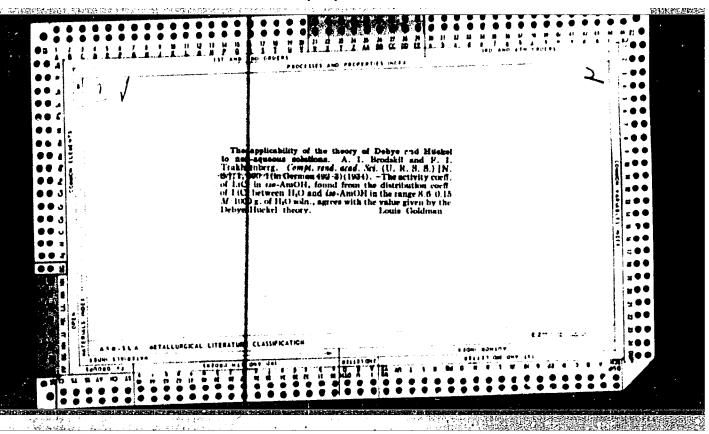
100 14 00 00 15 0

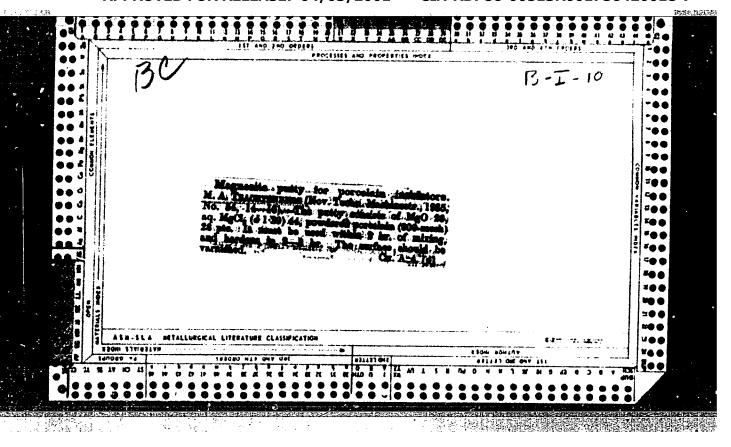
PETROVA, A.F.; KHALILI, N.A.; SHTAMM, L.K.; TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.

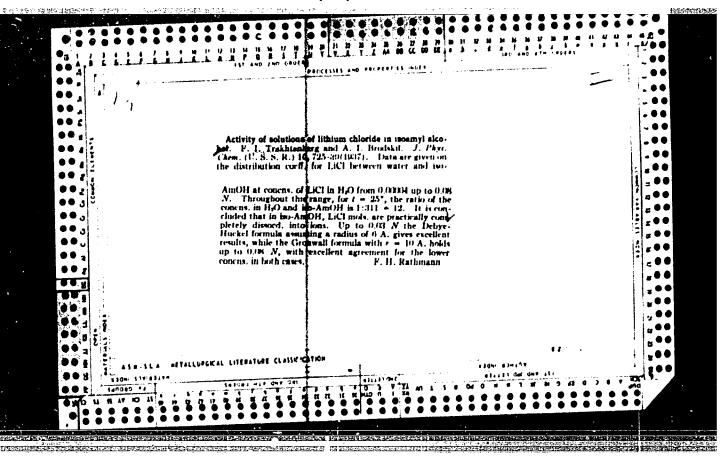
Extraction of a crystalline erythromycin base from aqueous solutions. Med. prom. 14 no.9:32-36 S '60. (MIRA 13:9)

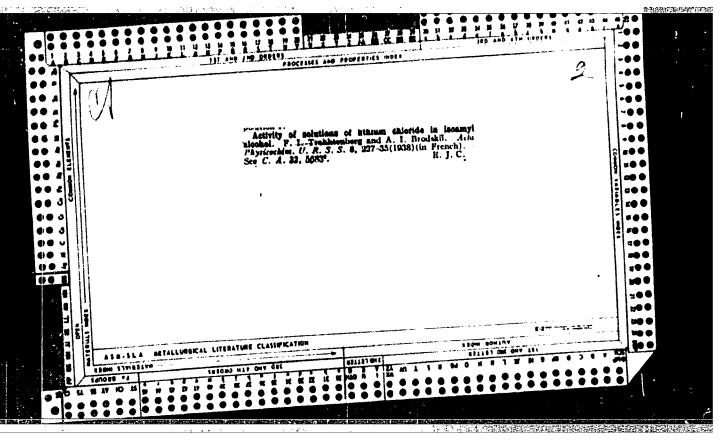
1. Sverdlovskiy zavod meditsinskikh preparatov i Vsesoyuznyy nauchnoissledovatel'skiy institut antibiotikov. (ERYTHROMYCIN)

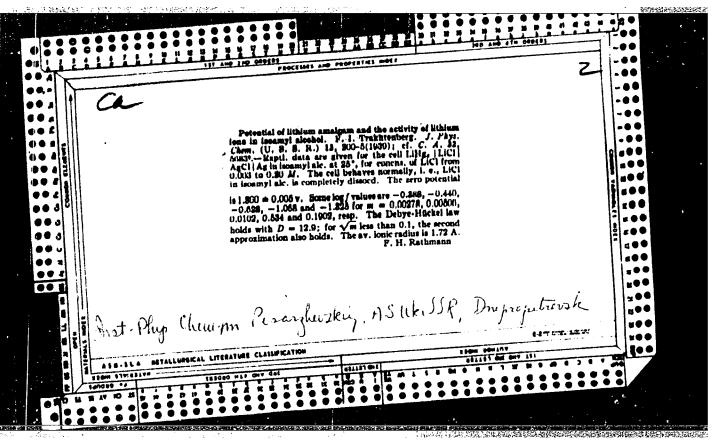
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

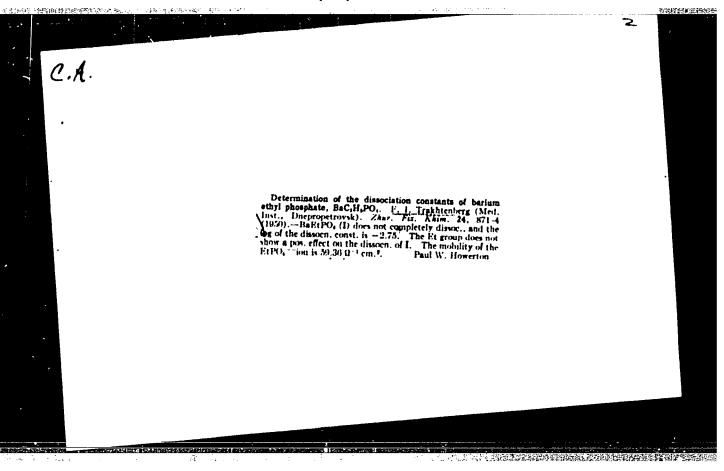


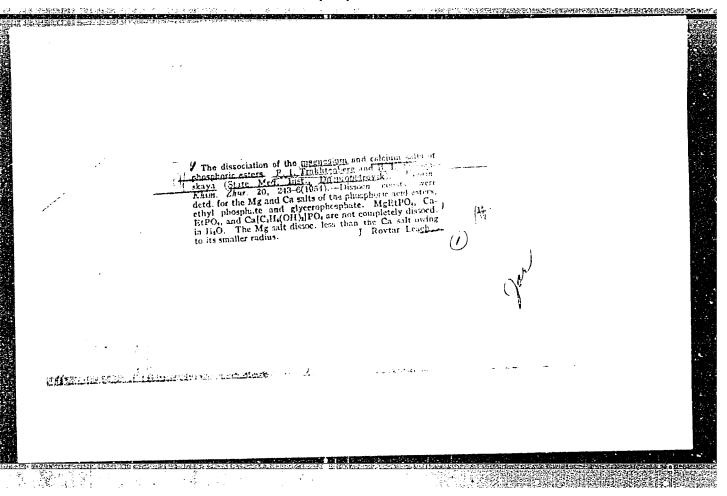












5(3),5(2) AUTHORS:

Ryss, I. G., Trakhtenberg, F. I.

SOV/78-4-6-36/44

THE REPORT OF THE PROPERTY OF

TITLE:

The Hydrofluorides of Aniline (Gidroftoridy anilina)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 6,

pp 1431 - 1436 (USSR)

ABSTRACT:

The solubility of the hydrofluorides of aniline was investigated in hydrofluoric acid at 0° and 20° and the results are given in table 1. The phases $\begin{bmatrix} C_6H_5NH_3 \end{bmatrix}$ F.H₂O and $\begin{bmatrix} C_6H_5NH_3 \end{bmatrix}$ HF₂ were determined. The "eutonic" solution contains at 0° 12.11% [C6H5NH3]F and 43.89% [C6H5NH3]HF2. The compound does not pass

over into polyhydrofluoride at -18° in the case of an increase of the HF-concentration up to 52%. The dissociation degree of aniline fluoride was calculated at 0°. The compounds

 $C_6H_5NH_2$.3HF.0.5H20 (Ref 1) and $C_6H_5NH_2$.4HF (Ref 3) described

in the publications are probably hexafluoro-silicates of aniline. There are 1 figure, 1 table, and 7 references,

4 of which are Soviet.

March 25, 1958

SUBMITTED:

Card 1/1

TRACHTEM SIG. F.M.

TRACHTEMBERG, F.M.

Bifect of the auto-demagnetization process on the value of residual induction in a simusoidally and longitudinally magnetized ferromagnetic sound carrier. Trudy Kom. po akust. no.5:67-82 '50.(MLRA 7:7) (Magnetic recorders and recording)

DOMRACHEV, N., otv. red.; PITIRILOV, V., red · BELYAYEV, O., red.; red.; BIRYUKOV, G., red.; RUMYANTSEVA, V., red.; COLODYANNIKOV, A., red.; TRAKHTENEERG, G., red.

[Give way to the new and the advanced] Dorogu novomu, peredovomu. Kirov, Izd-vo "Kirovskaia Pravda, 1961. 58 p. (MIRA 18:3)

1. Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR. Kirovskoye oblastnoye otdeleniye.

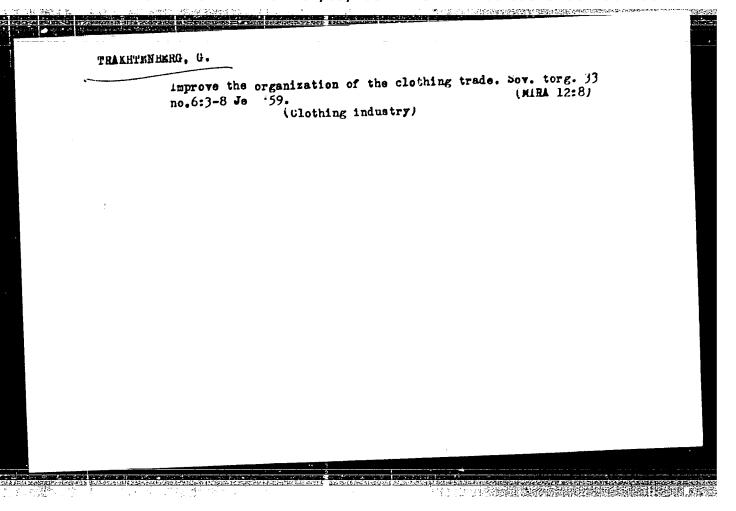
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKETENBERG, G., kand.tekhn.nauk

Consumer demand and orders placed with industry. Sov. torg. 34
no.8:16-19 Ag '61. (KIRA 14:8)

(Marketing research)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"



TRACHTENBERG, Grigoriy Lazarevich; SEREBRYAKOV, S.V., red.

[Methods of studying consumer demand for industrial goods] Metody izuchenia pokupatel skogo sprosa na promyshlennyye tovary, pod red. S.V.Serebryakova. Monkva, Gos.izd-vo torgovoy lit-ry, 1957. 126 p.

(Rissia--Manufactures)

(MIRA 12:4)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

引起的数据

Metho	ds of organ	organizing orders. Sov.tor		g. no.6:16-22 Je '57. (ELEV 10:8)	
·		(Retail trade))		(8:01 12:23)

CIA-RDP86-00513R001756420018-7 "APPROVED FOR RELEASE: 04/03/2001

YERMAK, I.I.; TRAKHTENBERG, G.Kh. Continuous lines for manufacturing parts of cutting chains. Mekh.i avtom.proizv. 14 no.9:26-29 S '60. (MIRA 13:9) (Automatic machinery)

CIA-RDP86-00513R001756420018-7"

APPROVED FOR RELEASE: 04/03/2001

TRAKHIEMBERG, G. KH.

Movyi standart po technike bezopasnosti (Abrazivnyi instrument. Pravila i normy bezopasnosti) (Vestn. Mash., no. 3, p. 57-61)

New standard for accident prevention (Abrasive instrument. Safety regulations and norms)

ILC: TWh. Wh

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

TRAKHTEMBERG, G. Kh.

"Investigation of Some Problems of Machining Precision in a Machine Building Plant." Sub 1 Jun 51, Moscow Engineering Economics Instituted Sorge Ordenomiciae

Dissertations presented for science and engineering degrees in Moscow during 1951. SO: Sum. No. 480, 9 May 55

GORDON, V.O., professer; TRAKHTENEERG, G.Kh., inzhoner.

New standards for mechanical drawings used in machinery design.

Vest, mash. 27 no.?:68-72 Jl 47. (MIRA 9:4)

(Mechanical drawing--Standards) (Machinery--Design)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

and the second s

TRACHTENHERO, G.Kh., inshener.

Tolerances and reserves in production.

Tolerance (Engineering)

(Tolerance (Engineering)

GRINGAUZ, Klara Il'inichna; SABLINA, Tamara Nikolayevna; TRAKHTENBERG, G.L., otv.red.; GLAZUNOVA, V.V., red.; MEDRISH, D.M., tekhn.red.

[Study of the consumers' demand for fabrics; based on practices of the Moscow Province Trade Center for Cotton and Linen Goods of the Main Administration for the Textile Trade] Izuchenie pokupatel'skogo sprosa na tkani; iz opyta raboty Moskovskoi oblastnoi torgovoi bazy khlopchatobumazhnykh i l'nienykh tovarov Glavtekstil'torga, Moskva, Gos.izd-vo torg.lit-ry, 1957. 38 p.

(MIRA 13:11)

(Consumers' preferences) (Textile industry)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

BIBIN, Leonid Pavlovich; VARFOLOMSYEV, F.G.; KAIGANOV, D.I.; OSTANOVSKIY,
T.S.; FUSHKIN, V.S.; TRAKHTENBERG, G.L.; MAKSIMOVICH, A.G., red.;
SUDAK, D.M., tekhm.red..

[School and office supplies, musical instruments, photographic supplies, radio equipment, athletic goods, hunting and fishing equipment, toys] Tovary shkol'no-pis'mennye, kantseliarskie, muzykal'-nye, foto, radio, sportivnye, okhotnich'i, rybolovnye, igrushki.

Moskva, Gos. izd-vo torg. lit-ry, 1958. 328 p. (MIRA 11:4)

(Manufactures)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

站海南港过少市。河

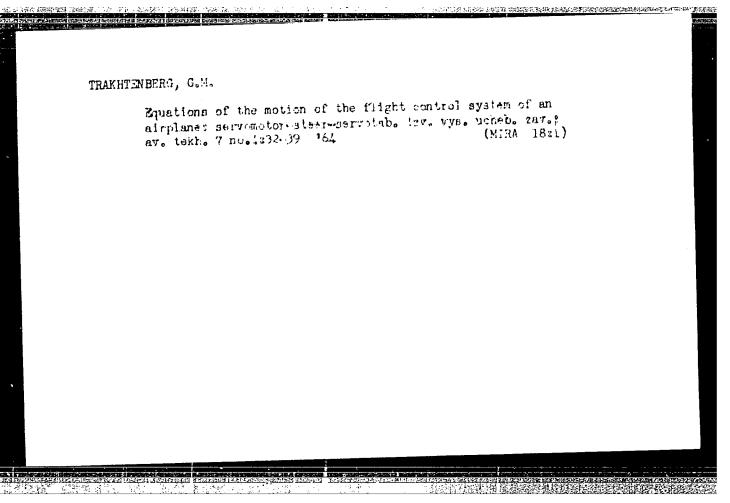
TRAKHTENBERG, G.M., inzh.

Using a pendulum as slip angle transmitter at lateral motion of airplanes in a horizontal plane. Nauch.dokl.vys.shkoly; mash.i prib. no.1:236-247 58. (MIRA 12:1)

1. Predstavleno kafedroy "Giroskopicheskiye pribory i ustroystva" Moskovskogo vysshego tekhnicheskogo uchilishcha imeni N.E. Baumana.

(Automatic pilot (Airplanos))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"



31895-66 EWT(c)/EWT(m)/EWP(v)/EWP(k)/I-2IJP(c) EM/BC ACC NR: AP6011788 SOURCE CODE: UR/0147/66/000/001/0080/0089

AUTHOR: Trakhtenberg, G. M.

£ 7

ORG: none

B

TITLE: Equation of motion for aircraft rudders controlled by an electric pulsed autopilot with direct feedback

SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 1, 1966, 80-89

潜手或规。

TOPIC TAGS: aircraft automatic pilot, flight control system, servomechanism, aircraft elevator, rudder

ABSTRACT: The author studies the use of electric autopilots working under pulsed conditions in automatic flight control systems. This type of autopilot has three electric servomechanisms serving as output units. The servomechanisms control the ailerons, direction and altitude. Transducer voltage signals are fed into an amplifier and the amplifier transmits pulsed dc signals with a given frequency to the servomechanisms. The servomechanism output shaft is engaged or disengaged by solenoids. A unidirectional continuous rotation dc motor is used for starting the servomechanisms. the motor is transmitted by a drum with a special transmission mechanism. Equations of motion are presented for ailerons under autopilot control. Curves are given for: the

UDC: 629.13.01.014.5

Card 1/2

L 31895-65

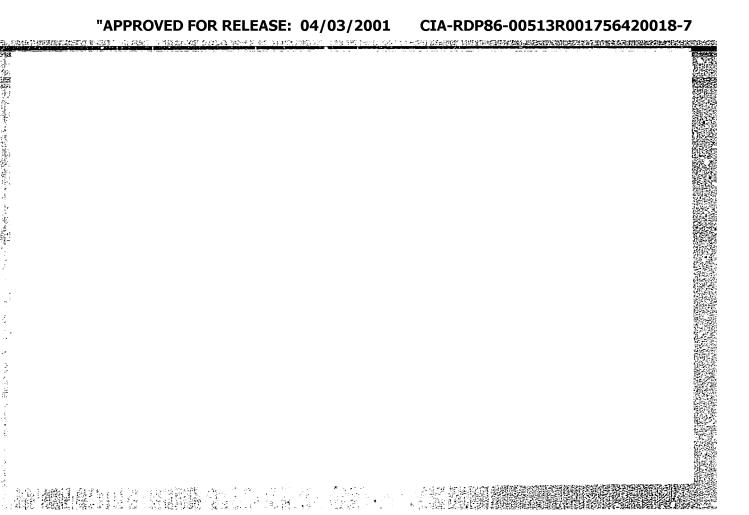
ACC NR: AP6011783

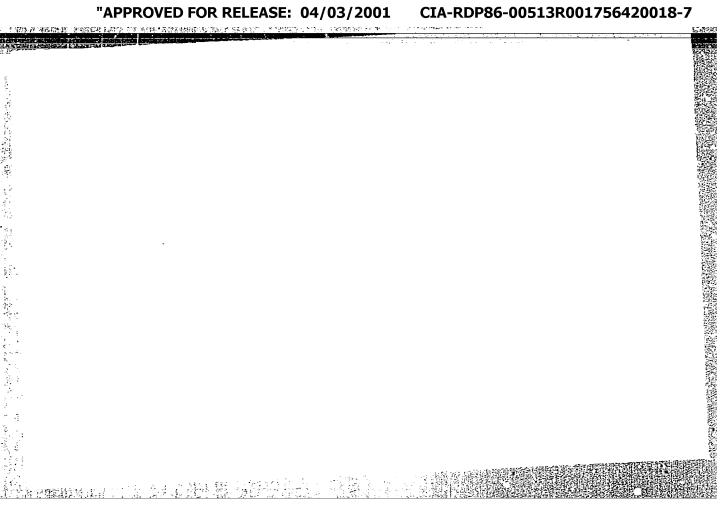
performance of the servomechanism where torque is a function of drum rotation, steering system deviation during one pulse period, angular velocity of the ailerons as a function of stress and their deflection, and the stresses in the autopilot amplifiers as a function of the angles of deviation for servomechanism drums. Linear equations are given for analyzing the dynamics of an aircraft control system for the case when the required angles of deviation for the rudder are not great and where the maximum possible angles in terms of servomechanism power are 3 to 4 times greater than those required. The turning rate of the rudder depends on the input signal and not on deviation. Non-linear equations are given for analyzing the dynamics of an aircraft control system for the case when the maximum rudder deviations determined by the power of the servomechanisms are not significant and are equal to the required angles. Orig. art. has: 8 figures, 15 formulas.

SUB CODE: 20.01/ SUBM DATE: 07Sep64/ ORIG REF: 001

Card 2/2 mc

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"





TRAKHTENBERG, I.

Organizing physical training activities during the rest period in industry. Sots.trud no.3:64-71 Mr '58.

(Industrial hygiene)

(Physical education and training)

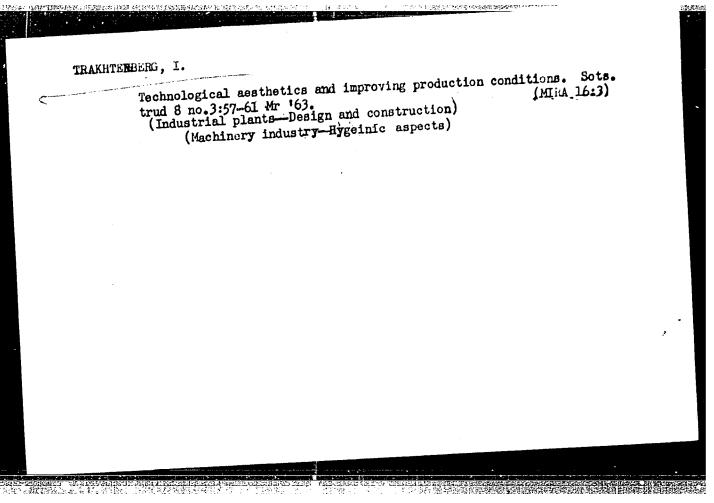
TRAKHTENBERG, I., dotsent, kandidat meditsinskikh nauk (Kiyev).

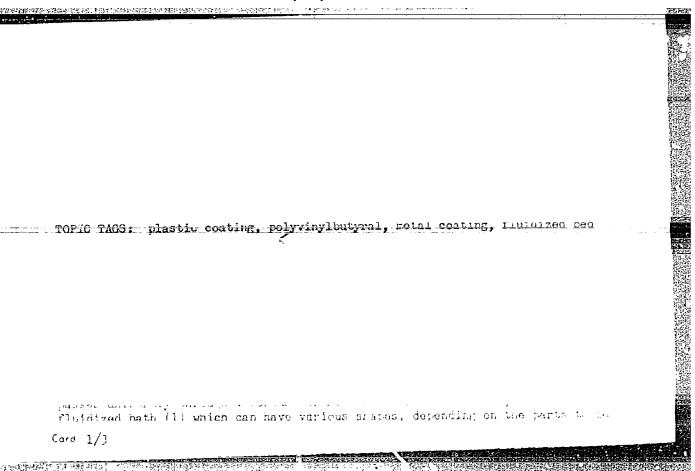
Active recreation. Mauka i zhizn' 23 no.10:23-24 0 '56.

(MLHA 9:11)

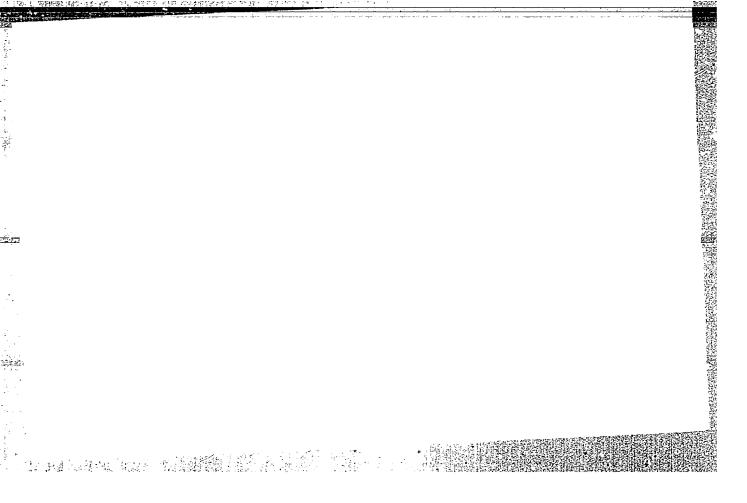
(Exercise)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"









TRAKHTENBERG, Iosif Adol'fovich, 1883

The financial results of war; the inflation problem Moskva, Gosfinizdat, 1946. 103 p. (49-44336)

HG255.T7

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

MENDEL SON, Lev Abramovich; VARGA, Ye.S., akademik, red.; TRAKHTKHBERG, I.A., akademik, red.; ARZUMANYAYN, A.A., red.; MAKAROV, V., red.; MOSKVIHA, R., tekhn.red.

[Theory and history of economic crisis and cycles] Teoriia i istoriia ekonomicheskikh krizisov i tsiklov. [Second enlarged and revised edition of a book "Economic crisis and cycles of the 19th century"] Izd.2., perer. i dop. knigi "Ekonomicheskie krizisy i tsikly XIX veka." Moskva, Izd-vo sotsisl'no-ekon.lit-ry, 1959. 766 p. (MIRA 13:4)

1. Chlen-korrespondent AN SSSR (for Arzumenyen).
(Business cycles)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, Iosif Adol!fovich, akademik; ANIKIN, A.V., kand. ekon. nauk, otv. red.; ARZUMANYAN, A.A., akademik, red.; BREGEL', E.Ya., doktor ekon. nauk, red.; KRONROD, Ya.A., doktor ekon. nauk, red.; MENDEL'SON, L.A., doktor ekon. nauk, red.[deceased]; SHENAYEV, V.N., kand. ekon. nauk, red.; KOLOSOVA, T.A., mladshiy nauchnyy sotr., red.; TOVMOSYAN, M.Ye., red.izd-va; KASHINA, P.S., tekhn. red.

[Monetary crises, 1821-1938] Denezhnye krizisy, 1821-1938 gg.
Moskva, Izd-vo Akad.nauk SSSR, 1963. 730 p. (MIRA 16:3)
(Money)

TRAKHTENBERG, Iosif Adol'fovich, akademik; ARZUMANYAN, A.A., red.;

BRECEL', E.Ya., doktor ekon. nauk, red.; KRONROD, Ya.A.,

doktor ekon. nauk, red.; MENDEL'SON, L.A., doktor ekon. nauk,

red.; ANIKIN, A.V., kand. ekon. nauk, red.; SHENAYEV, V.N.,

kand. ekon. nauk, red.; KOLOSOVA, T.A., red.; BAKOVETSKAYA,

V.S., red. izd-va; NOVICHKOVA, N.D., tekhn. red.; ZUDINA,

V.I., tekhn. red.

[Currency circulation and credit under capitalism]Denezhnoe obrashchenie i kredit pri kapitalizme. Moskva, Izd-vo Akad. nauk SSSR, 1962. 779 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Arzumanyan). (Finance)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

DIO - COORDESCRIPTOR DE COMPANS D

TRAKHTENBERG I.M.; SAVITSKIY, I.V.

Experimental data on Sechenov's phenomenon in dynamic work. Report no.2: Modifications of working capacity following prolonged muscular activity with passive and active intervals [with summary in English]. Biul.eksp.biol. i med. 43 no.1:28-31 Ja 157. (MIRA 10:8)

1. Iz kafedry gigiyeny trula Kiyevskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR prof. N.N.Gorevym.

(EXERCISE, effects,

working capacity after prolonged musc. activity with passive & active rest periods (Rus))

(REST,

MILOS LAVSKIY, A.I., inzhener; TRAKHTENHERG, I.M., inzhener

Experience in working soils in winter. Mekh.stroi.12 no.11:23-24 N'55. (HIRA 9:1)

(Frozen ground)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

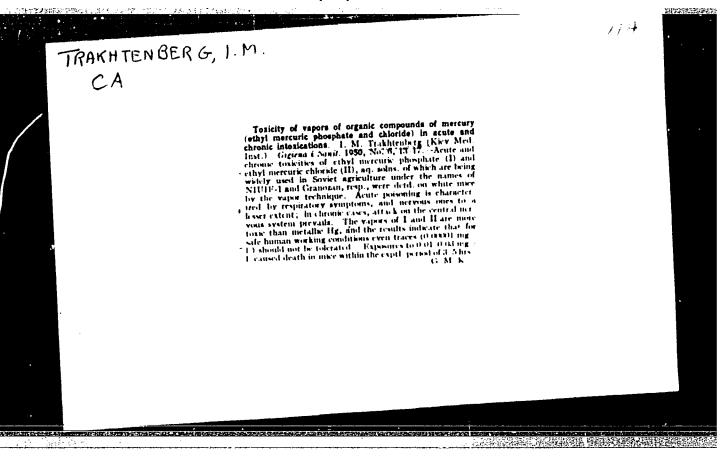
Hedwed', L. I. and Trekhtenlern, I. M. "Experimental data on the toxicology of erroric recourt compounds", Vracheb. delo, 1989, No. h, paragraphs 339-hh.

So: U-h392, 19 August 93, (Letonis 'Shurmal 'nykh Statey, No 21, 19h9).

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7



TRAKHTENBERG, I.M.; SAVYTS'KIY, I.V.

Characteristics of active relaxation during dynamic work. Fiziol. zhur. (Ukr.) 1 no.1:76-82 Ja-F '55. (MIRA 9:9)

1. Kiivs'kiy medichniy institut imeni akademika 0.0.Bogomol'tsya, Kafedra gigiyeni pratst. (REST): (FATIGUE) (INHIBITION) (MUSCLES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

SHAKHBAZYAN, G.Kh., professor, doktor meditsinskikh nauk; TRAKHTKNHERG, I.M., dotsent, kandidat meditsinskikh nauk

Review of O.F.Makarchenko's monograph on "Changes in the nervous system and characteristic of the higher nervous activity in manganese poisoning." Fiziol.zhur. [Ukr.] 2 no.5:131-134 S-0 '56. (MLRA 10:1) (MANGANESE--TOXICOLOGY) (NERVOUS SYSTEM--DISMASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, I.M., dotsent

The Kiev chapter of the Society of Hygienists before the 13th
All-Union Congress of Hygienists, Epidemiologists and Specialists
in Infectious Diseases. Gig. i san. 21 no.6:82-85 Je '56. (MLRA 9:8)
(UKRAINZ--PUBLIC HEALTH--SOCIETIES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TELENETHINGS BETTO SECTION OF SEC

TRAKHTENBERG, I.M., dotsnet (Klyev)

"Reference manual on sanitary legislation in the field of industrial, food, communal, and school hygiene" by M.IA.
Suponitskii, B.L. Gordin, I.S. Kartelev. Edited by P.D.
Leshchenko. Reviewed by I.M. Trakhtenberg. Vrach.delo no.6:
655-657 Je '60.

(FUBLIC HEALTH LAWS)

(GOHDIN, B.L.) (KARTHLEV, I.S.) (LESHCHENKO, P.D.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

How to prevent fatigue.	Nauka i zhyttia l	10 no.8:39-41 Ag	160.
(Fatigue)		(MIRA 13:8)	

LESHCHENKO, P.D., red.; KALYUZHNYY, D.N., red.; GRANDO, A.A., red.; SHAKHBAZYAN, G.Kh., red.; TRAKHTENBERG, I.M., red.; GITSHTEYN, A.D., tekhn.red.

[Materials for a history of public health and sanitation in the Ukrainian S.S.R.] Materialy k istorii gigieny i sanitarnogo dela v USSR. Pod red. P.D.Leshchenko, D.N.Kaliuzhnogo i A.A. Grando. Kiev, Gos.med.izd-vo USSR, 1959. 255 p. (MIRA 13:3)

1. Ukraine. Ministerstvo zdravookhraneniya. (UKRAINE--PUBLIC HEALTH)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, I.M., dotsent; GUSLITS, I.G., masluzhennyy vrach RSFSR; PAUSTOVSKAYA, V.V., kand.med.nauk; VELICHKOVSKIY, A.V., inzh.

Hygienic evaluation of mechanized casting in shell molds. Gig. i san. 24 no.10:52056 '59. (MIRA 13:1)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii i kafedry gigiyeny truda Kiyevskogo meditsinskogo instituta.

(AIR POLLUTION prev. & control)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"

· 建建筑工作

TRAK..TENBERG, I. M.; BURYY, V.S.; SAVITSKIY, I. V.

"Experience of toxicologo-hygienic evalation of some of the presently used and newly introduced insectofungicides."

report submitted at the 13th All-Union Congress of Hygienists, Epidemologists and Infectionists, 1959.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756420018-7"